

REMARKS

Claims 1-4 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The examiner argues that applicant's disclosure does not appear to support removing core loop checks. The examiner argues that it requires that the core loop checks are initially present. That language is added in claim 1 as amended herein.

Applicant's claim 1 calls for "A system for enhancing the rendering of pixels in the case of opcode comprising: means for determining maximum and minimum values of index of normal table area of a lookup table, and means for expanding the lookup table above and below said maximum and minimum values of said index and removing initially provided core loop checks."

The examiner's attention is directed to page 3, line 3 of the disclosure. It states "The core loop of the opcode should have two boundary checks for the index to avoid accessing outside the lookup table area." It further states that these "checks introduce additional instructions and hence increases the time taken for rendering one pixel." It further states that it is desirable to reduce this time. In the summary of the invention, it states on page 4, that the checks in the core loop are removed to reduce the total rendering clock count. On page 8 at line 8, it states the core loop is removed. Clearly, applicant's disclosure supports such means.

Applicant's claims 2-4 dependent on claim 1 are deemed allowable for at least the same reasons as claim 1. Further claim 2 calls for the means for expanding includes means for replicating the highest value if the index is above the normal table area.

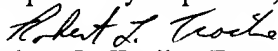
Claim 3 further calls for opcodes used for shading.

Claim 4 further calls for means for replicating the lowest value if the index is below the normal table area.

Since claims 5 and 6 are allowed, applicant's claims 1-6 are deemed allowable and an early notice of allowance is deemed in order and is respectfully requested.

If the examiner persists in the rejection it is respectfully requested that this amendment be entered for purposes of appeal.

Respectfully requested;


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